

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1-49. (Canceled).
50. (New) A purified antibody that specifically binds HIV-1 p12 antigen.
51. (New) The antibody of claim 50, wherein the antibody is formed using an HIV-1 extract containing p12.
52. (New) The antibody of claim 50, wherein the antibody is formed using purified HIV-1 p12.
52. (New) A purified antibody that specifically binds HIV-1 p18 antigen.
53. (New) The antibody of claim 52, wherein the antibody is formed using an HIV-1 extract containing p18.
54. (New) The antibody of claim 52, wherein the antibody is formed using purified HIV-1 p18 protein.
55. (New) The antibody of any one of claims 50-54, wherein the antibody is monoclonal.